

DERWENT-ACC-NO: 2003-309419

DERWENT-WEEK: 200330

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TITLE: Suction head of vacuum cleaner

INVENTOR: AHN, J H

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2001KR-0033517 (June 14, 2001)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|-----------------|-------------------|----------|-------|-------------|
| KR 2002095526 A | December 27, 2002 | N/A | 001 | A47L 009/04 |

APPLICATION-DATA:

| PUB-NO | APPL-DESCRIPTOR | APPL-NO | APPL-DATE |
|---------------|-----------------|----------------|---------------|
| KR2002095526A | N/A | 2001KR-0033517 | June 14, 2001 |

INT-CL (IPC): A47L009/04

ABSTRACTED-PUB-NO: KR2002095526A

BASIC-ABSTRACT:

NOVELTY - A suction head of a vacuum cleaner is provided to improve the cleaning efficiency of the vacuum cleaner by allowing a power brush, which is mounted on the suction head of the vacuum cleaner, to linearly move or reciprocate.

DETAILED DESCRIPTION - A suction head(100) of a vacuum cleaner includes a case(101) formed at an inner portion thereof with a cavity(101a). A suction hole(101b) is formed at a bottom of the case(101). A discharging hole is formed at one side of the case(101). A supporting shaft(104) is installed in the case(101). Both ends of the supporting shaft(104) are supported by a slip bearing(103) installed at an inner part of a ball bearing(102). A power

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brush(110) includes a cylindrical box member(111) mounted on a predetermined portion of the supporting shaft(104) and a brush spirally formed at a peripheral portion of the cylindrical box member(111). One end of a spring is supported by the power brush(110). The first pulley is fixed to one side of the supporting shaft(104). A belt(116) is provided to rotate the power brush(110).

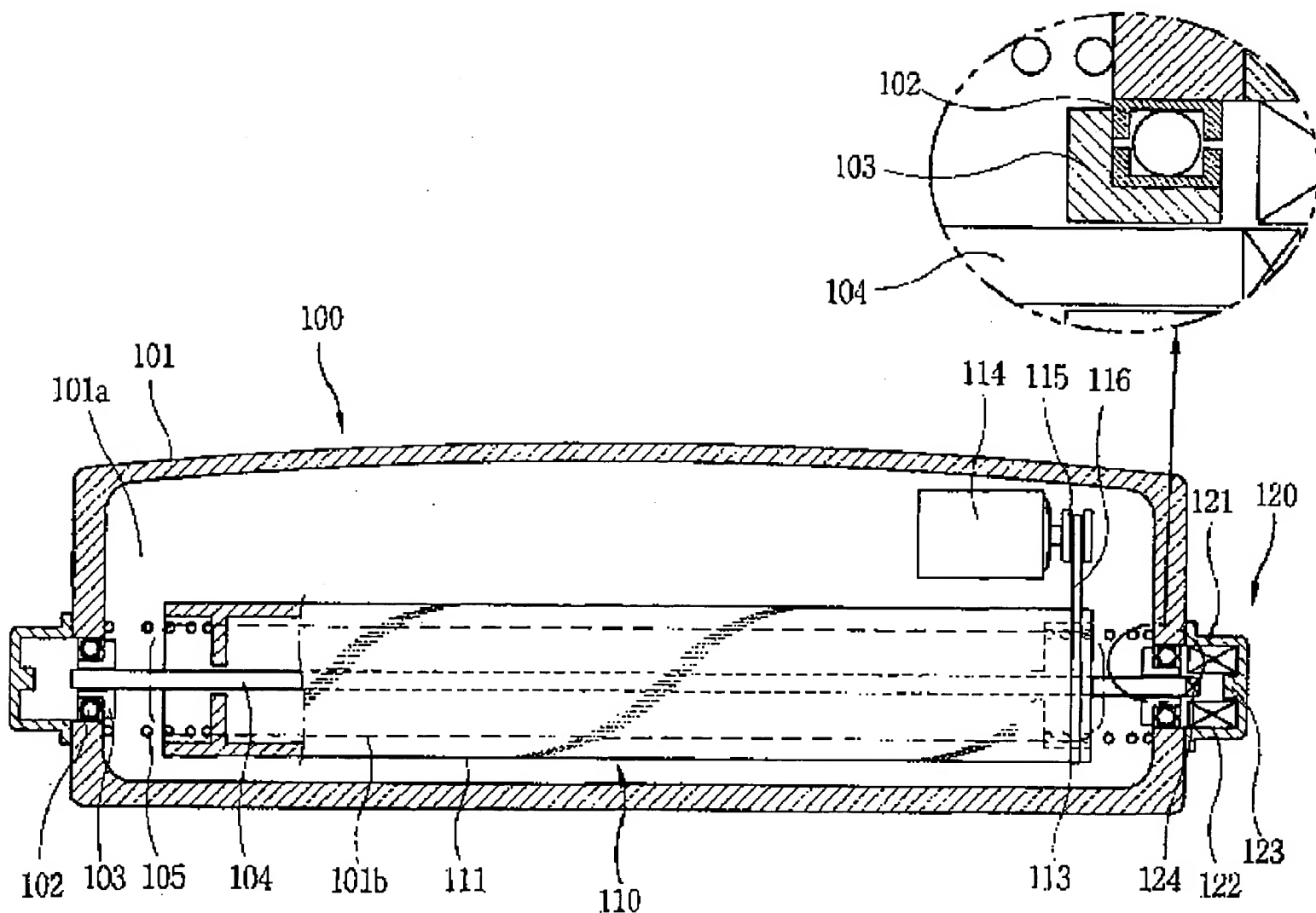
CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: SUCTION HEAD VACUUM CLEAN

DERWENT-CLASS: P28 X27

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